

THE

NOVEMBER, 1951

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PUBLISHED BY THE STUDENTS OF THE MASSACHUSETTS COLLEGE OF OPTOMETRY

THE SCOPE

extends

*Season's Greetings
to all its readers*



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Number 6

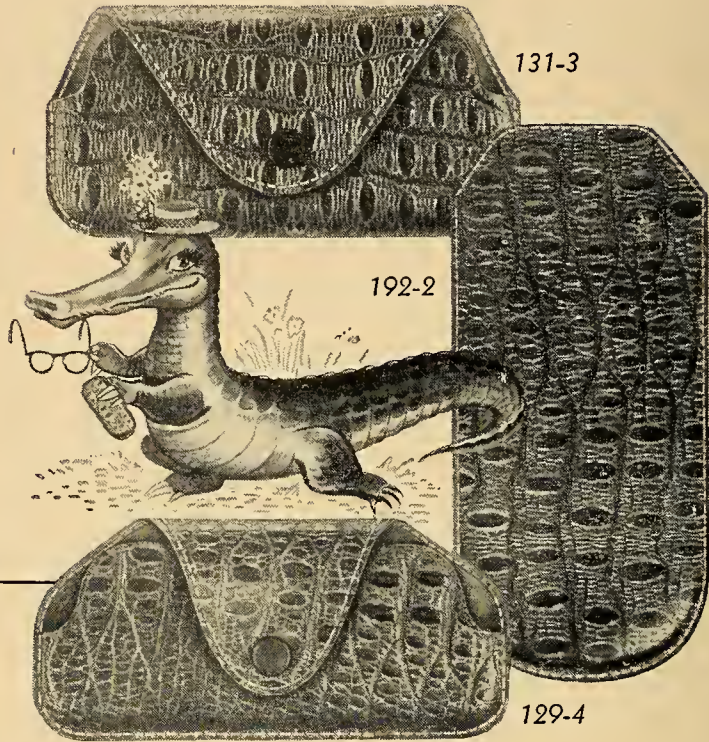
NOVEMBER, 1951

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Ocular Symptomatology

Ralph H. Green, O.D., D.O.S., F.A.A.O.
Dean of the Massachusetts School of Optometry
PART II

EXOPHTHALMOS

(PROTRUSION, EXOPHTHALMIA OR PROPTOSIS)

Definition:

A forward protrusion of the eyeball.

Normally the forward position of the eyeball is such that a line drawn from the upper and lower margins of the orbit is tangential to the cornea. However, this position may vary normally within 10 millimeters either anterior or posterior to this line.

Causes:

Exophthalmic Goiter:

This is the most common general cause of protrusion of the eyeball. This condition is usually characterized by the following signs:

Dalrymple's Sign: Abnormal widened palpebral fissure.

Stellwag's Sign: Infrequent blinking.

Von Graefe's Sign: Lagging of the upper eyelid in the downward direction of gaze.

Mobius' Sign: Receded near point of convergence.

Gifford's Sign: Difficulty in everting the upper eyelid.

High Myopia:

This often produces an apparent protrusion of the eyeball especially if the anter-posterior diameter of the eyeball is considerably increased.

Sinusitis:

Both frontal and ethmoidal sinusitis may produce a true protrusion of the eyeball. The displacement is usually down and out.

Orbital Tumor:

A tumor within the orbit may displace the eyeball forward. If the tumor occurs within the cone formed by the extra-ocular muscles the eyeball may be displaced straight forward. If the tumor occurs outside this cone the eyeball may be displaced in a direction opposite to the position of the tumor.

Orbital Periostitis (Inflammatory condition of the membrane covering the bones forming the orbit.):

Occasionally in this condition the eyeball is displaced forward. Other signs of this condition are:

Pain in the orbit

Swelling of the eyelids

Swelling of the conjunctiva

Fever

Headache

Tenderness on pressing the eyeball back into the orbit

Orbital Cellulitis (Inflammation of the orbital fat):

Exophthalmos may be present in this condition.

Other signs are:

Deep-seated orbital pain

Swelling of the eyelids

Swelling of the conjunctiva

Fever

Painful eye movements

Headache

It is often very difficult to differentiate between orbital cellulitis and orbital periostitis.

Orbital Trauma:

Protrusion of the eyeball may follow a severe blow on the orbit. The forward displacement of the eyeball is the result of hemorrhage within the orbit. An accompanying sign is ecchymosis of the eyelids and bulbar conjunctiva.

Intra-Cranial Tumor:

Exophthalmos has occurred as a result of tumor of the sphenoidal ridge, tumors in the neighborhood of the third ventricle and in the middle fossa of the skull.

Orbital Hemorrhage:

Exophthalmos may result from orbital hemorrhage. In cases of hemophilia, arteriorenal disease, infantile scurvy and scorbutus, orbital hemorrhage may result causing an exophthalmos. Trauma of the orbit may produce an orbital hemorrhage. The same condition is occasionally produced in persons who have brittle blood vessels, by a rupture of the orbital vessels during straining, stooping and coughing.

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Stimulation of the Cervical Sympathetic:

Certain poisons have produced irritation of the cervical sympathetic. An exophthalmos may occur on the same side of the irritation. Other signs are:

- Widening of the palpebral fissure
- Dilated pupil
- Sweating on the same side of the face
- Delayed descent of the upper eyelid when the patient directs his gaze downward
- Thyroid extract has been known to produce an irritation of the cervical sympathetic.

Buphthalmos (Infantile glaucoma):

In this affection there is a slow but progressive enlargement of the eyeball in all of its diameters. The affection appears at birth or shortly afterward and causes the eyeball to protrude. Other signs are:

- Flattened cornea
- Pupil dilated
- Thinning of the sclera
- Bluish appearance of the sclera
- Deep anterior chamber
- Intra-ocular tension elevated

Obesity:

The increase of the orbital fat sometimes makes the eyes of a corpulent person very prominent, but unless the prominence is considerable it is of little consequence.

Deformities of the Skull:

Exophthalmos is congenital in certain deformities of the skull in which the orbit is shortened and the eyeball pushed forward. In these cases it varies in degree according to the amount of deformity of the orbit. It may be slight or very great, but it is irreducible and not likely to be progressive.

Extra-Ocular Muscles Paralysis:

A slight protrusion can be detected when the extrinsic muscles of the eye are paralyzed, and is more apparent when the affection is confined to one eye alone. A similar slight protrusion often is seen after a tenotomy of one of the muscles, especially of the internal rectus of one eye.

Physiological:

A slight amount of forward movement on the part of the eyeball seems to be physiological. Photographs have proven that our eyeballs protrude a little when we stoop, and when we open our eyelids widely.

Emphysema of the Orbit:

A severe trauma may permit air to enter the orbit if an opening is made in the bony wall of the orbit which communicates with the adjacent air chambers.

Pulsating Exophthalmos:

This is a rare condition and is identified by a pulsation of the protruding eyeball. The eyeball pulsates synchronously with the heart. The pulsation can be felt by placing the hand on the protruding eye. Other signs are:

Red, edematous upper eyelid

The lid hangs tensely over the exophthalmic eyeball.

Ischaemia of the retina caused by compression of the central retinal artery or,

Venous engorgement of the optic nerve head and retina, accompanied by retinal hemorrhages.

Pulsating exophthalmos may be due to arteriovenous aneurysm of the carotid artery and cavernous sinus, or an aneurysm of the carotid within

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Eyeview of the EYEBALL

by Mel Kaplan

This year, as in the past, the semi-formal classic, "The Eyeball", will be held at the Copley Plaza Hotel in the beautiful Sheraton Room on December 15, 1951 at 8:00 P.M.

There will be four hours of sweet and soft music highlighted by the grand march to elect "Miss Eyeball of MCO".

During the musical intermissions pictures of the different classes and fraternities will be taken.

Everyone from the college, including alumni and instructors, is invited. Tickets will be available from any member of the committee.

To the seniors, we suggest that you take this opportunity to make The Eyeball your senior prom. To the Juniors and Sophomores, this is your semi-formal Fall Classic. The Eyeball can be the formal introduction to collegiate social functions for the Freshmen.

This year's Eyeball will be the most successful and most unique affair ever. Start planning now for The EYEBALL, it's later than you think.

Want to Practice Optometry?

by Bernard Berstein

Rhode Island — In addition to the written and practical examinations which an applicant must take, he must spend an internship of six months under the supervision of a registered Optometrist or Ophthalmologist.

Also, "any person who shall present satisfactory evidence that he is entitled to practice Optometry in another state where requirements for registration are equivalent to those of this state, may be registered without examination upon payment of a \$50.00 fee; provided that such state accords a like privilege to holders of certificates of license issued in this state and applicant has not previously failed to pass the examination required in this state."

Delaware — Written and practical examinations must be taken by applicants. These examinations include work on chemistry, jurisprudence, orthoptics, and contact lenses.

Optometry is officially considered to be a "highly trained specialization." Many educators, eye specialists, and others in official positions question the propriety of leaving the study of this very important specialty (optometry) solely to the individual physician's volition and are of the opinion that it is not in the best interest of the public. Optometry stands independent and is not a part of medicine.

Florida — An applicant for the state board examination must be at least 18 years of age, a graduate of an approved optometry college (four year minimum and at least 1000 hours each year).

It is unlawful to peddle spectacles, from house to house or on street or highways. Billboard advertising is not permitted.

Florida residents must file for examination 30 days prior to the taking of those examinations; non-residents must file 60 days prior to the examinations. Fee for residents is \$25 and for non-residents is \$50.

Each optometrist must maintain equipment as prescribed by state law and such equipment must be in good working order in his office.

Visual Progress

by Ira Schwartz

Paul Cibis and Heinz Haber report from USAF School of Aviation Medicine an interesting paper entitled "Anisopia and Perception of Space". The term anisopia is defined as unequal imagery and the consequential distortion of space follows. It is differentiated from aniseikonia in that this latter term has been relegated to indicate unequal image size and its consequential distortion of space.

The authors point out and measure the distortion due to unequal neutral density lenses, unequal pupillary diaphragms, unequal spherical and cylindrical lenses, and unequal bleaching of the retina. One of the striking bits of information in the article is the lack of anisopic effect when the cylinders were placed at axis 180. Although there is no attempt at explanation of this it would be this writer's guess that the subjects narrowed their palpebral slits and eliminated the power difference between the eyes.

* * * *

"The Influence of Luminance Level on Visual Sensitivity to Color Differences" is reported by W. R. J. Brown of the Kodak Research Laboratories. The color matches made at low levels of illumination are examined and show that at the lower levels the normal observer makes the same type of match as the tritanope (blue-blind): The question now arises whether there is any connection between this fact and the previously reported fact that color matches made at small subtense also are like the matches of the tritanope.

Further information from the International Commission on Illumination (ICI).

1) The ICI has realized that the young eye (under age 30) is quite different from the older eye. This has caused a new scotopic relative luminosity curve to be drawn up for the young eye.

2) For the same reason as above, work is under way to revise the Standard Observer and Co-ordinate system for colorimetry.

* * * *

The National Physics Laboratory of London announced completion of experiments which show

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the sinus.

Tenonitis (Inflammation of Tenon's Capsule):

There is exophthalmos straight forwards, with limitation of eye movements and pain on attempted movements.

Paget's Disease:

Paget's disease is considered to be a chronic disease of unknown etiology which affects the long and flat bones of the body. Exophthalmos may result in this disease as a result of enlargement which occurs in the bones of the orbit. As a result of the enlargement which occurs in the bones of the skull a gradual decrease occurs in the cavity of the skull and orbits.

Leontiasis Ossea:

Leontiasis ossea is described as a keratosis of the skull which is characterized by an increase in size of all the bones including those of the face. Other bones of the skeleton are rarely, if ever, involved. The orbital cavity as well as the cranial and nasal cavities may be involved as the result of the more or less localized bony overgrowths. Exophthalmos is usually unilateral.

Herpes Zoster Ophthalmicus:

When herpes zoster involves the areas supplied by the supraorbital and infraorbital branches of the fifth nerve the condition is known as herpes zoster ophthalmicus. Exophthalmos has been rarely encountered as a complication. The exophthalmos is the result of the paralysis of the third nerve, sixth nerve, and the fourth nerve.

VISUAL PROGRESS — Continued

that light is traveling eleven miles per second faster than the rate shown in the Michelson experiments of 1935. The past 50 years of tremendous progress by the Physicists has cast aside all of the so-called constants but the speed of light (c). Does this experiment mean that c is also a variable, as many physicists have proclaimed, or is this just a better determination of the constant?

* * * *

A Danish Ornithologist, Holger Paulson, announced that birds do not sing from happiness or mating impulses but through a "hormonal process activated by light". Just imagine if we could fit these chirpers with colored specs. Lookout Ezio!

From the Dean's Desk

For the first time the Massachusetts Board of Collegiate Authority has given a college the authority to confer a Doctorate. This very great honor has now been bestowed upon The Massachusetts College of Optometry. It is truly a double honor for both the O.D. and the honorary D.O.S. have been granted.

Mere thanks or words of praise could not possibly express our feeling to the board of trustees, the faculty, and especially Dean Green and Dr. Hochstadt whose untiring efforts and many hours of unselfish devotion to our school and Optometry have made these great advances possible.

Text of official notification:

THE COMMONWEALTH OF
MASSACHUSETTS

DEPARTMENT OF EDUCATION
200 NEWBURY STREET, BOSTON 16

November 21, 1951

Dr. Joseph F. Montminy
President, Board of Trustees
178 Newbury Street
Boston, Massachusetts

Dear Dr. Montminy:

At a meeting of the Board of Collegiate Authority held Tuesday, November 20, 1951, said Board voted to approve the Certificate of Change of Purpose of the Trustees of the Massachusetts College of Optometry, which authorizes the College to grant the degree of Doctor of Optometry and the honorary degree of Doctor of Ocular Science. The Certificate has been returned to Mr. Henry F. Long, Commissioner of Corporations and Taxation.

Very truly yours,

JOHN J. DESMOND, JR.
Commissioner of Education and
Chairman of the Board of
Collegiate Authority

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THE SCOPE

Official undergraduate publication of the
MASS. COLLEGE OF OPTOMETRY

178 Newbury Street
Boston, Mass.

Letters to the Editor

November 19, 1951

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From the Associate Editor - - -

Considering the rapid advances optometry has made in recent years and especially the recent changes in the status of our school and the extension of its curriculum, many of the articles published in this magazine in the future may seem new and unfamiliar to some of our readers. Of course in reading any magazine you will occasionally find that something in an article may appear incorrect or need clarification. I'm sure any author when called on a point of error or apparent point of error would be glad to clear up his presentation.

We would like to suggest to all our readers that if you feel any article or issue is incorrect or inadequate, please do not hesitate to send us a letter about it. Anything concerning optometry or its related subjects which will aid in enhancing the knowledge of our readers would be greatly appreciated. All letters will be published at our discretion unless otherwise indicated by the author.

L.R.

To the Editor:

The question has been asked many times by men in the field why men of the Medical profession are so frequently called on to speak at gatherings of Optometric Organizations, such as Alumni meetings, Boston Society meetings, etc.

It seems to us that we should learn more about our profession of optometry at these meetings. Not too many of us care about all the intimate details of glaucoma, or retrobulbar neuritis, but we would be very interested to hear about the significance of visual skills or the use of the cross cylinder for nearpoint refraction. To be sure we should all be able to recognize pathology when it is there. We should all have a talking knowledge on the subject that we may inspire the confidence of our patients. Anything more than this is wasted.

An Optometrist is a specialist in vision by heritage. We may keep this heritage only by developing and teaching in our field. This lack of knowledge about vision is displayed quite generally when a patient will go to four different Optometrists and get four different answers. For comparison let us take the child with the crooked teeth. The patient may take the child to four different dentists, but each will say "Orthodonture." But in the case of a child with crooked eyes, they will go to four different Optometrists and get four different answers. One may say "surgery," another, "let the child grow out of it," a third may say "lenses" and a fourth "training." Do we as Optometrists know all there is to know about vision? Should we not endeavor at our meetings to relate the answers we have found, and the techniques that have worked?

Perhaps some of your readers can give the profession the answers to the questions and clear our thinking if it is amiss.

L. W. Macdonald, O.D.

We, the writers of Senior Slants, would like to make a correction in the article which appeared in the last issue. In that issue, we named the class officers and ended by saying, "With these officers to guide us, we feel certain that the class of '52 will go no place fast." The correction consists of striking the names of Bill Roselli, Dick Emery, and Wally Taranto from the list, and then of emphasizing the statement "With these officers to guide us, we feel certain that the class of '52 will go no place fast" unless it's where they want to take us! We feel that the passing of the students' fee was a low, mean, and degrading affair — not in what the fee is or represents, but in the manner in which it was passed. Although we are not experts on Robert's "Parliamentary Procedure", it seems to us that the function of a President during a meeting is that of a disinterested, unbiased arbitrator, and not a leader of one faction who discolors, twists, and alters the matter on hand so as to entice more votes to his side. This also holds for the members of the student council who should inform the class of the matter to be voted upon, and that's all! It seems that the policy they have followed with the class of '52 is "If at first you don't succeed, try, try, and darn it try again." We leave this subject hot under the collar but with the fervent hope that the "class" officers and "student" council members will, in the future, try to represent their electors.

* * * *

An interesting fact came to our attention during one of our 9 to 10 A.M. siestas. Although some classmates have taken to living with women they call their wives, others have latched on to characters they call their room-mates. A stroll through Beantown within a half-mile radius of 178 Newbury St. would make our point quite evident. The first apartment we visit gives us the feeling of the wide open spaces. So this is where the basketball team practices! Lying across a bed with his face against the wall is "12 o'clock" Don Gillis who, at 10:30 A.M. still has an hour and a half till his first class. In the kitchen, munching on a bagel and lox sandwich is John Eleftherie. In a dimly-lit corner we see Marty "I'm Engaged!" Borsky in the midst of Grey's Anatomy, Wolff's Anatomy, and Webster's Dictionary, all of which are supporting the plans of the model airplane he is working on.

Diagonally across the room is Marty Friedman, surreptitiously scheming to bring girls up to the apartment without Borsky knowing about it. Yes-sir, these matters can get pretty involved.

Only a few blocks away we arrive at what was erroneously called the "Embassy". In this dwelling, today known as the "M.C.O. Dormitories", we find a mess of colleagues ranging from "Jasper Milktoast" Baronfeld to Leo "Fine Man" Kershner. The first stop is in the one-room suite of Mr. and Mrs. Phyllis Baronfeld — we found out who wears the pants in this family before writing the article. The place is in chaos; pinochle on the kitchen table, poker on the bed and empty beer cans on the floor. In the midst of this havoc is heard a pathetic plea, "But fellas, I have to study!" This is married life?

On the same floor we enter the "Taj Mahal", the humble abode of Seniors Kaplan, Vermes, and Rabinowitz. A sophomore servant fills their every need — Sussman they call him. As for the major occupants Rabinowitz eats the least food, does the least talking, and is the least bothersome, for it seems he is never home. All messages to Lew are forwarded to his "In-Laws" where he can be found eating the most, talking the most, and — but why should we ruin a beautiful romance. Tom — the chef, chauffeur, maid and epicure can always be seen planning the day's menu — hamburgers and spaghetti. Mel Kaplan, the undisputed "Lover" is found flipping a coin with his dishpan hands trying to decide whether he should date the beautiful girl from Newton with the money or the poor one from East Boston with the lovely "Ponds" hands.

As we write this column from our hospital beds we wonder why our classmates, instead of showing us to the elevator gave us the shaft.



A JUNIOR SPEAKS

by Philip B. Bern

The *Scope* is a monthly publication, and as such, I feel that it can serve us best by interjecting certain thoughts and ideas which we may tend to overlook.

I watch with amusement how some of us rush to obtain a copy of this publication, eagerly scanning the pages for a glimpse of each article, hoping that some one author has found reason to place our names in tintype. Rather than that, I am taking each monthly opportunity to bring a few of my mortal thoughts to mind. Thoughts which every one of us possess, but somehow or another, never find time to completely ponder over. These writings will not cause us to congregate in large groups, engaged in heated dispute. I'd prefer that they were slowly absorbed and retained by each individual, to be accepted or rejected as each desires.

Generally speaking, an American child matures in a society reeking with the devices of modern civilization. The automobile, the alarm clock, (darn it) and countless methods of mental diversion. These are wonderful things, because they serve their mechanical purpose so well, even those last mentioned. Mental diversion, as I understand it, has become something mechanical. We diligently march to a movie each week, become part of a huge, quiet throng, and lapse into a Hollywood-created mood that can range anywhere in its subject matter between plus and minus infinity. Many of us, on the other hand, sit at some suitable contrivance that serves as a table, amidst a veritable fog of smoke, and spend countless hours in planning the destiny of batches of brightly-colored cards, pock-marked with diamonds, clubs, spades, and hearts. These are some of the methods we have chosen for mental diversion. I become alarmed to think that we have chosen such devices to occupy that portion of the day dedicated to "living". It tends to taint the individual and make him "mechanical".

The Laws of Nature (and I capitalize them, for they hold great importance to me) have helped me to find something much more rewarding and satisfying in life, as . . . the fate of an odd-shaped rock, its peculiar dimensions feebly attempting to resist the onrushing waters of a young stream . . . or the plight of a small, but exquisitely beautiful flower,

suffocated by the harsh foot of some neglectful animal (humans included) . . . or the metamorphosis of a stately redwood, towering over us like an unconcerned giant, to the humility of a toothpick. These things cause me to reflect on many of my own habits and mannerisms, by showing how simple it is for destruction and construction to occur . . . for that rock will slowly wear away, that crushed flower will spread its pollen seeds to bear new flowers, and that toothpick will grace the lips of some beautiful woman, for a brief encounter of ecstasy. I observe these things and fearfully ask myself, "Have I destroyed, or have I helped to build? Have I been insulting, and caused hatred, or have I understood my fellow man, and forgiven his mistakes?" Too many times, the answer is the wrong one, and so I continue the search.

My thoughts now turn to the great poets, Shelley, Byron, Whitman, and I evaluate the products of their diversions. Characteristically, each sought out the country, to observe Nature, and the city to observe her children. From their pens tumbled the beauty that comes from love of your brother, your life work, your wife. They sat upon their respective hillsides and watched from these vantage points, the multitude below. Many in our society, would consider this as loafing. Perhaps it was. But knowing that we are to serve people in all walks of life, and must necessarily know them before we can help them, is more than enough of an incentive to gain some insight to what they have written.

Let's not find ourselves saying, "Gosh, didn't that year pass by quickly," and at the same time asking, "What new knowledge have I gathered about the art of living in that year?" Speaking for myself, I want each and every year to take its own, pleasant time. To me it will mean that it was a full year, and that means . . . a full life.



After having received their bumps and lumps (mentally that is) for over a month, the sophomores have now taken to their determined task of becoming successful optometrists of the future. They have finally reached (after so many trying years) the point where they now are taking subjects and are doing work which is pertinent to their needs as optometrists. For this they are all grateful and hope that this year will be the start of the long and tedious road to success.

In keeping up with the recent city elections, the sophomore class held their annual elections (honest, that's what it was). Those lucky enough (??) to have been elected were as follows: Norm (anyone want free cleaning) Maxwell, President; Bill (let a *smile* be your umbrella) Feinstein, Vice-President; Harv (never takes minutes) Tuckman, Secretary, and Sid (hold onto your dough, boys) Green, Treasurer. Incidentally those three young gentlemen who were standing in the back of the room during the election were for real. Inasmuch

as one of the "boys" had to get into office, three trigger men from a neighboring city, Somerville by name, were hired to keep the election honest. They did a nice job, right Joe?

After one of our recent fraternity smokers one of our distinguished classmates could not decide whether he wanted to sleep on a curbstone on Commonwealth Avenue, or spend the night at a certain precinct station. It took five of our courageous gendarmes to persuade the lad that a nice warm cell would be the ideal place for him. Not very professional-like, was it D---?

We would like to take this opportunity to congratulate old stick-to-it Abe for winning the distinction bestowed upon the freshman with the highest grades. If ever anyone was deservant of this scholarship, it was Abe. (Stay with it, pal.)

A committee has been formed to draw up a petition for changing the method of taking vision "naked." One argument is that not all optome-

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Happy the Patient

... whose eye care has included careful regard to style as well as Visual Correction. This lady is able to change her glasses as she changes her clothes to match the occasion.

SHURON OPTICAL COMPANY, INC.

Established in 1864



FRESHMAN REVIEW

by Henry Levin and Al Mastrobouno

Having completed two months of schoolwork here at M.C.O., we are now more familiar to the routine than we were during the first few weeks. Many of our fellow classmates have become interested in extra-curricular activities, such as fraternities, basketball and the glee club. In regard to the fraternities, the freshmen were invited to meetings and smokers of both P.O.S. and O.E. Phi. After having attended these respective functions, the freshmen found it difficult to choose between these two fraternities, since the upperclassmen of both are such a fine group of fellows.

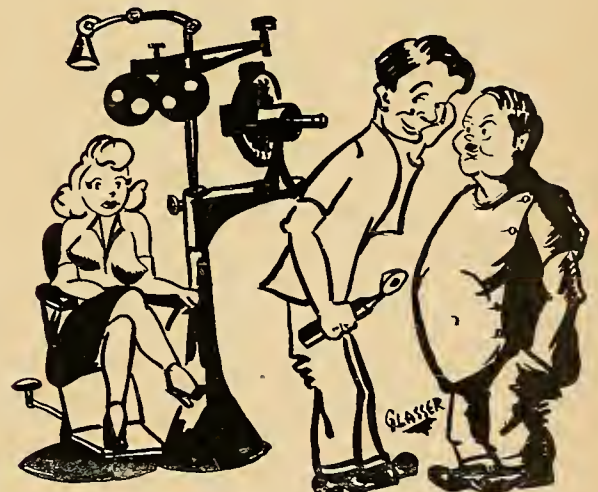
During the last few weeks, practice for the basketball team has gotten under way. Candidates for the team were asked to report to Dr. Mitchel Kuhn, coach of the team. Answering his call were Paul Taylor, William Fehrstrom, Alan Grieves, Hank Levin, Don Dixon, and Walley Flynn. So far this bunch has shown great promise (upperclassmen watch out). As the season progresses we'll keep you informed as to the activities of this freshman bunch.

Now, turning to the musical activities around M.C.O., we might mention that a few freshmen, musically inclined and having an ear (if nothing else) for music, turned out at the first rehearsal of the Glee Club on a Monday afternoon not long ago. They were Al Mastrobouno, Joe Svagdys, Mort Greendoffer, Lee Gellerman, and Don Dixon. They oscillated the vocal chords for about two hours, singing old pieces under the capable leadership of Don Mayer from the New England Conservatory of Music. Rehearsals will take place every Monday afternoon for about two hours. So all of you who think they can carry a tune should reveal their talent.

Reminiscing a little, do you remember that memorable oration delivered by Tom Couch during Semantics? . . . Hey! How about all those parties that Playboy Paul LaBelle is throwing? . . . We hear that Ted Fuschetti, John Chuilli, and Gene Ippolitto saw quite a show a few weeks ago. That's the spirit, fellows. We admire students who are constantly broadening their intellectual horizons. . . . Also heard that the president of our class has turned his persuasive talents to other fields of endeavor. He is a salesman for a well-

known concern. . . . We hear that the few freshmen who attended the Poverty Party really had a great time. The evening proved that some members of the freshman class are not old enough to vote. . . . The freshman class might not be able to memorize a series of quotations, but they can sink a fleet of battleships without half trying. . . . Question; Where does the freshman class disappear on Monday noons? Ask some of the radio stations, insurance companies and local schools for the answer. . . . Would like to say in passing what a swell job the freshman class officers are doing. And hope all you fellow freshmen will get behind them in making our class the best (IT'S GOOD, IT'S A WINNER). . . . Apologies to Nate Miller whose name was not mentioned in the list of class officers in the last issue of the *Scope* (Please Nate, no offense. Just a printer's error.).

We would like to take this opportunity to thank all the upper classmen, members of the faculty, and administration for making our first few weeks here so pleasant.



..LARGE P.D. WITH RIGHT HYPEREXOTROPIA..

PENNOTES OF SIGNIFICANCE

by Gil Friedman

Now that the preliminaries of the first edition of the *Scope* and its constructive and destructive criticisms of the columns (bar none) have been pugilistically submitted, pennotes can be made on past, present, and future plans of Pi Omicron Sigma's role in MCO.

Past:

The first activity presented by POS was the Thirty-ninth Annual Smoker held at the Brunswick Hotel. Between the hot and cold baths of the emcee (Manny Glasser), our guests, beer, cigars, beer, etc., the Smoker was passed by the Board of Sanitation as our best and most successful. Brother Joseph "Fingers" Antonelis wielded a wicked 88 keys to the chirping of an audible, not Audubon, herd of birds. Brother Foster Namias, substituting for Brother Green, gave a colorful resumé of POS's long past history accentuating those highlights of significance and its confronting barriers in its efforts to promote the furtherance of optometric professional standards. Entertainment was provided by our guest speaker, Brother March, and visiting instructors and alumni.

Other entertainment was provided by Mr. Leonard F. Parker, hypnotist, who attempted to subdue a gullible but thirsty group into the seventh dimension. (If Dr. Ann Nicholls has six, I can find a seventh.)

The final thrust of amusement was employed by the Dorchester Society for the Prevention of Cruelty to Polygamy. Brother Deckelbaum was married, rather shotgun-like, to Brother Zeltzer by Brother Deacon Nashrallah and the three spent a night of it at the College Inn — Hmmm!

Although there was some evidence of poverty-stricken in the faces of all who attended Pi Omicron Sigma's annual Poverty Party held at the Brunswick Hotel (we now own 100 shares of stock in the establishment), the overall repercussion of refreshments (nonwithstanding), Allen Kurlen's delightful music, and excerpts of the Charmer's Directory manifested, we may assuredly stipulate here, that this was the most tremendous Poverty Party of all time.

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Well here you are you lucky fellows. The following article constitutes the birth (and probable death) of a new Ernie Piles or Paul Garlic-o (whew). When you young whippersnappers are old Presbyopes, still trying to pass G.O., you can tell your grandchildren that you read the first article ever written by the now defunct "Pug". (V.O., P&T, G&W, V.S.Q. etc.)

As you know, or as you will learn la-a-a-ter, the annual O.E.P. Smoker at the Hotel Laffayette has come and went although for many (whose nomens I will not divulge), the effects may be still lingering on.

Ah, what a night — my only hope is that the fish swimming in the area of Moon Island enjoyed the party as well as did Joe Feldburg and Syd Green. However, while sipping my seven-up and stumbling on the slippery, suede stoppers (say that fast — yeh, well I bet you couldn't do it that night) I picked up the following comments:

Tom White — "Why did I have to bring my car?"

Dr. Antonellis — "Why can't I sing Rum and Coca Cola my way?"

Rick Cusamano — "What a revol'tin' development — no more can openers."

Joe Feldberg — "Ah-r-r-r-r-r-r-r-r-r-r."

Gene Bogage — "Why can't we have one of these every night?"

Dr. Cline — "Take out a piece of paper, Borsky."

Ev Sawyer — "Who slipped me the mickey?"

Sid Green — "Geez Dick, I'm sick."

Dr. Kuhn — "This is too dark, look at the color."

Bob Goodwin — "Is that my buddy, Joe — 'down there'?"

Don La Chance — (later on) — "Bail me out will yuh?"

Joe Sica — "Where are the goils?"

Boo Ferriss — "Don't breath on me, Bird."

Dr. Kamins — "Hey Joe, Mike, Al, Wally, Rogèr, bring me one."

Judging from the comments, I have this to say to those who did not attend — "You fools you."

I am very proud to report that 26 new men have pledged to the confines of O.E.P. We wish to welcome these pledgees and sincerely hope that they will feel free to enter our fair abode and shoot the breeze with the brothers about studies, girls, the instructors, girls, exams, girls, problems, and . . . ha.

The following are the rumm—I mean pledgees:

Irv Kaplan	Tom Couch
Chet Kmiec	Fran DeCesare
Joe Eiduks	Larry Dunn
Norm Maxwell	Lee Eastman
Tom Ferrara	Art Giroux

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SPORT SHOTS

by Martin Friedman

The Basketball season is here again at M.C.O. This year its star-studded squad should really give the college fans something to cheer about. Lacking in reserves last season, M.C.O. came out on top with ten victories and nine defeats. Now, with the depth and support gained by six new entrants to the College, coach Kuhn should have more than enough talent to show that basketball is here to stay at M.C.O. A preview of the team's ability this year was demonstrated by its 96 to 37 trouncing over Emerson College in a pre-season scrimmage game.

THE BASKETBALL SQUAD (at a glance)

No.	Ht.	
5	5'10"	Irv Horwitz — Veteran captain and set-shot artist.
12	6'4"	Joe Eiduks — Veteran rebounder and high scorer.
8	6'3"	Paul Taylor — Exceptional prospect. Should make the difference this season.
13	5'8"	Marty Borsky — 30 points in one game last year and still just as good.
17	6'5½"	Jerry Brault — Height and ability.
10	5'11"	Marty Friedman — Scores inside with his hook shot.
9	6'	Al Greaves — Played for Bates College last season.
15	5'9"	Ray Alie — An adept ball-handler and team player.
6	6'1"	Hank Levin — A scrapper who can rebound.
16	6'1"	Bill Fehrstrom — Plays hard and tough.
7	5'7"	Dick Tacelli — Fast, hard-driving forward.
14	5'11"	Don LaChance — A lot of shots, and fancy.

* * * *

Displaying the finesse and talent which should terminate in another successful season, M.C.O.'s basketball team won its opening game of the cur-

rent season over Cambridge Junior College 98-55. The M.C.O. squad blew the game wide open with its fast breaks and free substitutions. The high scorers of the game were two veteran performers, Marty Borsky and Marty Friedman, each with 19 points.

BOX SCORE

MASS. COLLEGE OF OPTOMETRY			CAMBRIDGE JUNIOR COLLEGE				
	G.	F.	P.		G.	F.	P.
Tacelli, rf	4	0	8	Schwartz, rf	3	2	8
Greaves, rf	2	1	5	Fishman, rf	1	1	3
Borsky, lf	6	7	19	Silver, lf	7	0	14
McElroy, lf	1	0	2	Clark, lf	2	0	4
Green, lf	0	0	0	Feigen, c	4	5	13
Eiduks, c	7	3	17	Blythe, rg	0	0	0
Friedman, c	9	1	19	Fieiontino, lg	6	1	13
Horwitz, rg	4	1	9				
Fehrstrom, rg	1	0	2				
Dixon, rg	0	0	0				
Taylor, lg	7	3	17				
Levin, lg	0	0	0				
Totals	41	16	98	Totals	23	9	55

HALF TIME SCORE:

M.C.O. 65 Cambridge 28

THE ROCKIES

by Elviro Mastrobuono

The Rockies, stalwart guardians of the West,

Bold,
Rugged,
Solid,
Eternal,

Strong and imperishable as the Nation they symbolize.

Their sombre peaks rising defiantly into the sky,
seemingly touching the stars above —
A jagged pattern silhouetted against the sky.
Yes, man has girded your sides with endless tracks
and covered your expanse with winding roads.
He has carved into your very heart and distorted
you with modern things.
Man has made ugly scars on you for all eternity.
But still you live — bold, rugged, solid, eternal,
as ever.

Strong and imperishable as the Nation you symbolize.

Paul Shannon
 Wally Welch
 Corrado Conti
 Henry Parrell
 Bob George
 Vito Gesualdi
 Don La Chance
 J. Alvin Bagdoian

John Gould
 Bill Hissey, Jr.
 Elviro Mastrobuono, Jr.
 Nathan Miller
 Bob Packer
 Elmer Pelletier
 Bill Ryan, Jr.
 Paul Taylor, Jr.

We wish to extend sincere congrats to P.O.S. on having a swell Poverty Party. I have been trying to get Gene Bogage and T.V. Wiggles together to run one of these affairs say uh,—twice a week?

Congrats go also to Dan Tarullo and Ruthie. Dan sure can pick 'em. Also to Marty Borsky and Marty Friedman on their interpretation of the antics of some of our instructors. (I think they enjoyed it.)

Don't forget — the "Thanksgiving Party" coming up on Tuesday, November 20 at the Hotel Mangy — I mean Manger. The affair is "drag" and all the pledgees are invited "gratis" with their girls, wives, or both. Music will be by Joe Sica's

"Four Roses" — dance U fool.

So we say to all, stop trying to find the theories of "neuromusculoheterobiotaxis" and build up a good case of "toxic interference". We'll be looking for you under the tables.

P.O.S. — Continued

Our first contributions towards the planned optometric lectures and discussions of allied sciences was presented by Dr. William Smith on October 31. Dr. Smith lectured on "Binocular Vision or How We See as Human Beings." His lecture was coordinated with practical suggestions on orthoptic approaches in heterophorias, amblyopia, and patient-doctor affiliation.

Present:

At the present I'm wondering if accommodation and convergence aren't the two idiots who drew up the Mason-Dixon Line. 54-40 or fight, you-all!

In the POS frat room whose appearance is slowly but surely shaping up, thanks to the generous assistance of Mr. Gross and Mr. Stilling, as that of a lounge of leisure, study, and education;

(Please turn to page sixteen)

BALRIM
B-31

at top of hit parade!

Most popular feminine frame in years is the brilliant new zyl and gold filled metal combination-Balrim B-31. Full range of bridge widths, eye sizes and temple lengths.

BAUSCH & LOMB
NORTHEASTERN DIVISION

SOPH SOBBING — Continued

trists will have heated offices. The suggestion has been made to take accustomed vision first. In this way if the patient is accustomed to seeing without his clothing on he does so, but if he happens to be one of those odd patients who always wears clothes while seeing he can do this also. If this method of taking vision does not conform with the procedure given in our notes it is only because your humble reporter sneezed while taking lecture notes and thus two pages of note-taking was lost.

A warning to the tall boys walking through the corridors of M.C.O.. Unless you have a desire to play on the basketball squad stay away from the gym, for it seems that this year we shall enlight upon our foes with might and height. Any resemblance to the University of Valparaiso, though, is purely coincidental. The bulk of this year's squad will consist of the following sophomores: Joe Eiduks, Jerry Brault, Ray Alie, Don La Chance, "Bird" McElroy, and Sid Green.

We would like to mention at this time a little something concerning the "Eyeball." For the benefit of the new members the Eyeball is run by both fraternities and everyone in the college is invited. This is really the only affair that the whole school can get together at, so what do you say, boys, get on the ball and go to the eyeball.

The three top tunes of the month as recorded by the top artists of the sophomore class are:

- Lenses Get In Your Eyse
- Over A Bottle of Homatropine
- Give Me Your Homework For Tomorrow

Predictions of the Month

1. MCO will field a basketball squad this year.
2. The starting MCO squad will all wear g'lasses.

Another step in the advancement of optometric research has been taken by the establishment of an undergraduate Research Laboratory, at the Massachusetts College of Optometry.

The room and equipment have been provided by the administration. However, the research programs will be conducted by the students and limited to them, only. Dr. Arthur D. March will act as faculty advisor to assist and train those interested in the organization and techniques of research projects.

Contributions of ideas and material assistance including reference material, will be greatly appreciated.

P.O.S. — Continued

we have added a treasure house of knowledge. I am referring to our library of periodicals of olden days and medical texts. It is interesting to note in these classics of optometric literature the trend of thought in optometry and ophthalmic optics — i.e. theories, methods of refraction, styles, instrumentation, and advertisements. To you students in the freshman and sophomore classes here is a worthy means of acquainting yourselves with the past, present, and future role of optometry in its contribution to science, offered by POS.

Our medical books are rich in the sciences of the human eye and body. May I mention here that all of these books and journals were donated by those unselfish individuals who feel Pi Omicron Sigma is truly a leader in the Progress of Optometric Science.

Future:

Future plans of POS are overlapping one into the other. For a detailed account of our activities please consult the yearly Advertisement Book distributed at the Smoker. If you haven't a copy, they are available in the Frat Room whose door is never closed.

Donald

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"Doubting Thomas" ...

He needs CVs!

Presbyopes with reading adds of 1.25 or more are often embarrassed victims of incidents like this. Give them back the vision they have lost—the natural "continuous vision" of youth—by prescribing Univis Continuous Vision Lenses. They'll regain clear vision at all distances and youthful seeing habits, too. Let us service your prescriptions for "insured satisfaction" CVs in our precision laboratory.

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